



Olympus C-765 Mother Board Replacement

Return functionality to the camera by replacing the mother board.

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INTRODUCTION

A bad board may be responsible for a overall dead camera operations. If the board is malfunctioning it must be replaced to fix the problem. This guide involves multiple steps including soldering and other difficult steps.



TOOLS:

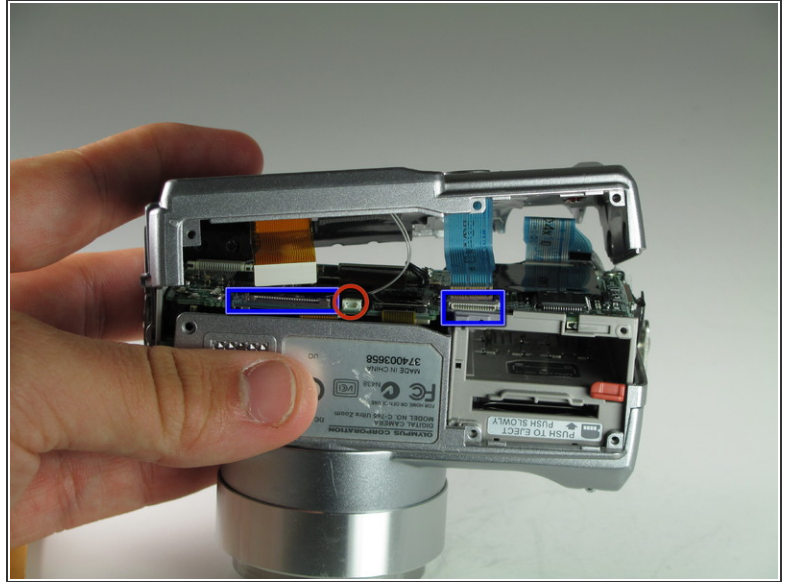
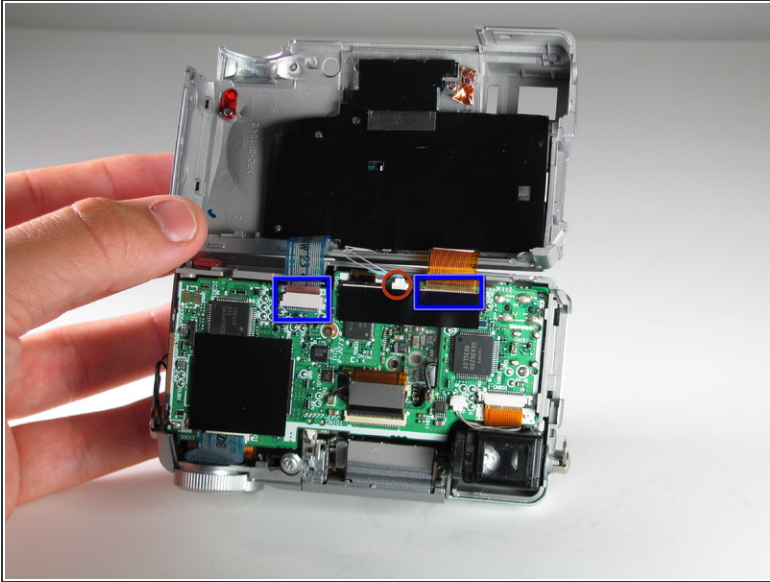
- [Phillips #00 Screwdriver](#) (1)
 - [Soldering Station](#) (1)
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Step 1 — Mother Board



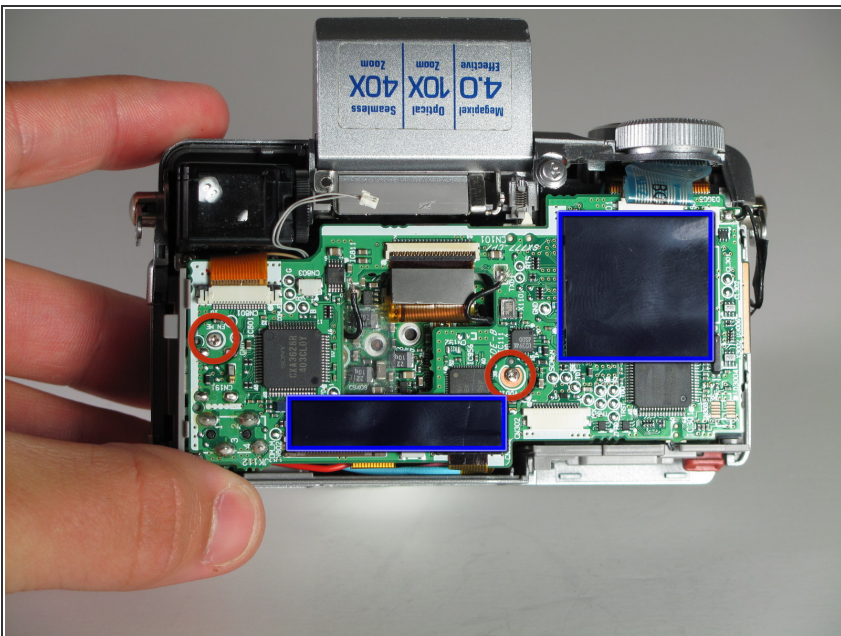
- Remove all of the screws that hold the back plate in place.
 - Unscrew the 4mm screw that is directly to the right of the viewfinder.
 - On the base,
 - Unscrew the 3mm screw in the top left corner.
 - Unscrew all four 3mm screws under the battery cover.
 - Unscrew the 3mm screw on the right side panel.
 - Unscrew the two 2mm screws on the left side panel.
- ⓘ The bullets apply to the three pictures on the step.

Step 2



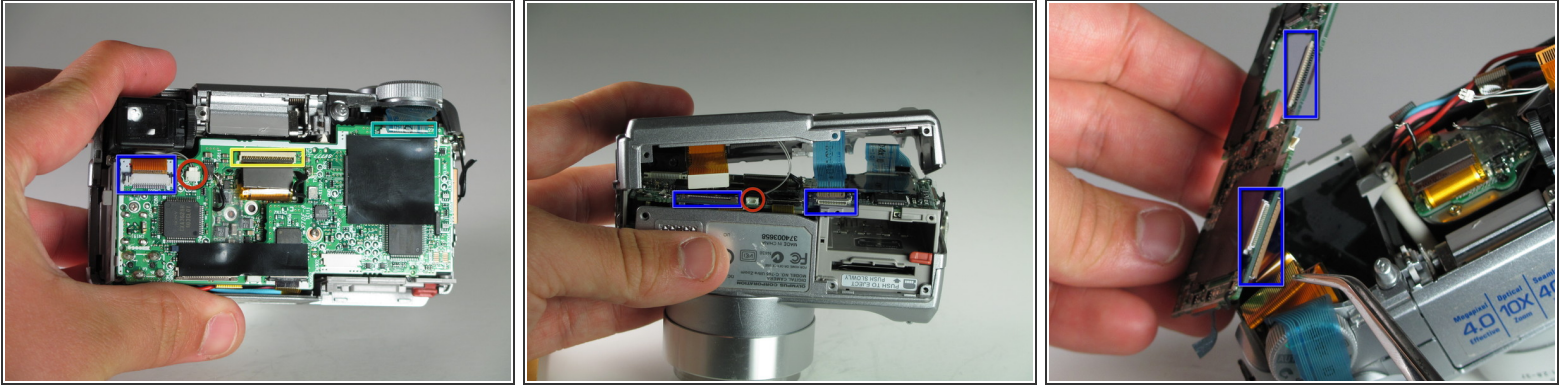
- Now remove the back panel completely.
 - Gently rock the 2 ribbon cables from their sockets.
 - With metal tweezers, grasp and pull white cable out of its clip.


Step 3



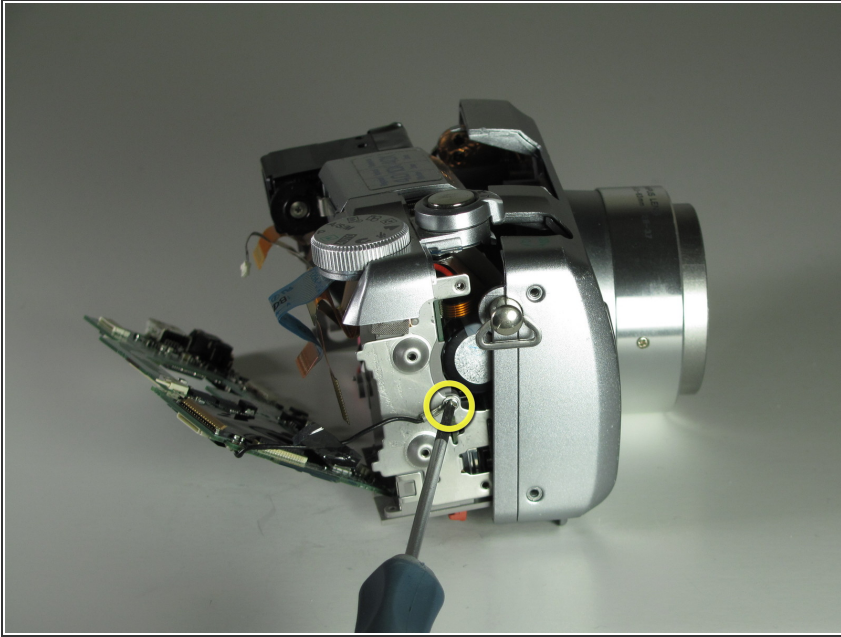
- On the surface of the board,
 - Peel off the plastic sheets on the board.
 - Unscrew 2-3mm from the board itself.

Step 4



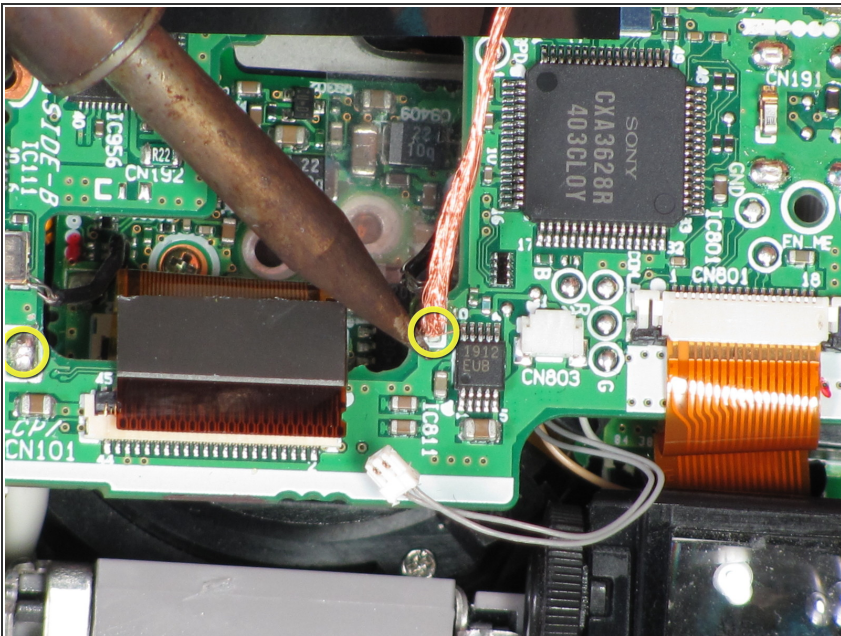
- Loosen the ribbon cables from the board.
 - 1-Directly below the viewfinder.
 - 2-At the Base of the board.
 - 3-At the top right near the selector wheel. 1 on top of the board 2 on the underside.
 - 1-The center of the board, above the central hole.
 - With metal tweezers, remove the two white plastic clips from their sockets one on the base of the board and the other on the surface.
-  The bullets apply to the three pictures on the step.

Step 5



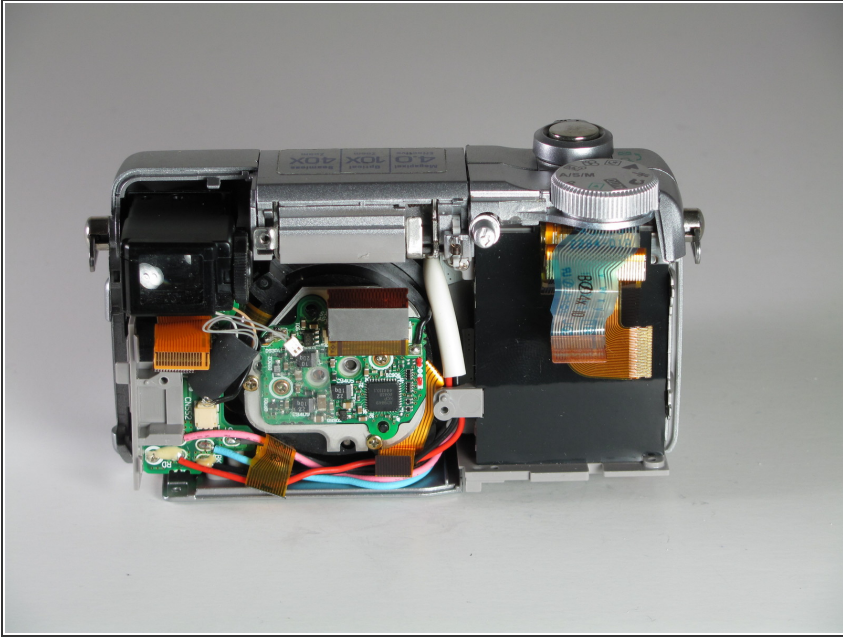
- Remove the single 3mm ground screw attached to the camera body

Step 6



- The mother board has two solder connections that need to be undone to remove the board
- ⚠ Don't attempt to unsolder the joints without previous knowledge of soldering
- ⚠ When soldering avoiding touching any other components with the iron

Step 7



- Once we have the mother board removed it can be replaced with a new board.
- ⓘ While the mother board is removed it is possible to get further into the camera itself to make more repairs.

To reassemble your device, follow these instructions in reverse order.

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